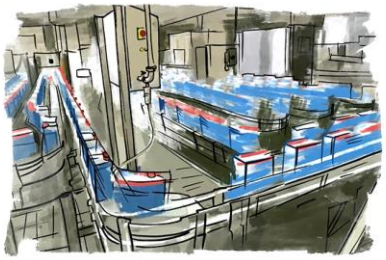
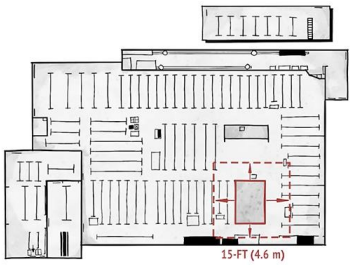
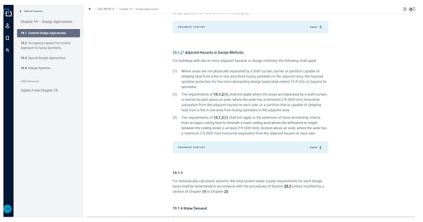
HOW TO PROTECT MULTIPLE HAZARD CLASSIFICATIONS?

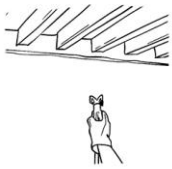


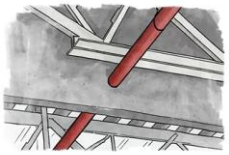


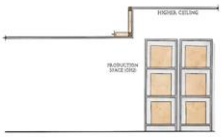


NFPA LINK© USED WITH PERMISSION. SEE LINK BELOW.

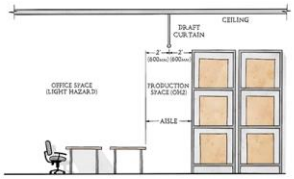
NOTES

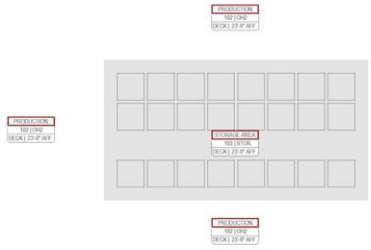





HIGHER CEILING


HIGHER CEILING
CEILING
OFFICE SPACE (LIGHT HAZARD)
PRODUCTION SPACE (GHZ)


CEILING
DRAFT CURTAIN
OFFICE SPACE (LIGHT HAZARD)
PRODUCTION SPACE (GHZ)
AISLE


PRODUCTION
STORAGE AREA
PRODUCTION
PRODUCTION

NOTES

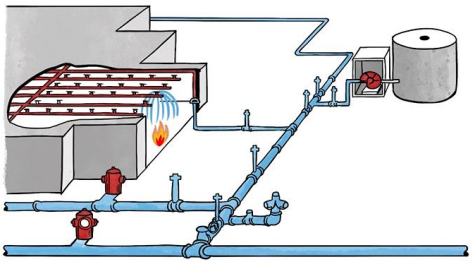
HOW TO PROTECT MULTIPLE HAZARD CLASSIFICATIONS?

DENSITY x AREA x OVERAGE = DEMAND + *HOSE* = *TOTAL*

PRODUCTION AREAS ONLY:
0.20 x 1,500 x 1.3 = 390 GPM + *250 GPM (HOSE) = 640 GPM*
8.2 x 139 x 1.3 = 1,480 L/MIN + *950 L/MIN = 2,430 L/MIN*

PRODUCTION / STORAGE (DRAFT CURTAIN):
(0.43 x 840 x 1.3) + (0.20 x 1,160 x 1.3) = (470 GPM) + (300 GPM) + *500 GPM (HOSE) = 1,270 GPM*
(17.5 x 78 x 1.3) + (8.2 x 108 x 1.3) = (1,780 L/MIN) + (1,140 L/MIN) + *1,900 L/MIN (HOSE) = 4,830 L/MIN*

ALL HIGHER HAZARD:
0.43 x 2,000 x 1.3 = 1,120 GPM + *500 GPM (HOSE) = 1,620 GPM*
17.5 x 186 x 1.3 = 4,230 L/MIN + *1,900 L/MIN (HOSE) = 6,130 L/MIN*



HOW TO PROTECT AREAS WITH MULTIPLE OCCUPANCY HAZARD CLASSIFICATIONS:

1. PROTECT EVERYTHING UNDER THE HIGHER CLASSIFICATION
2. EXTEND THAT HIGHER CLASSIFICATION
3. PHYSICALLY SEPARATE THE TWO HAZARDS

NOTES